

Transportation Management Systems

Centracs Travel Times

What, exactly, is Centracs Travel Time?

Centracs Travel Time interfaces with Bluetooth-based systems to provide real-time accurate, automated, and anonymous travel time and speed measurements of traffic. Centracs Travel Time also offers historic speed and travel time report generation.

Why do agencies use Centracs Travel Times?

Centracs Travel Time provides dynamic roadway segment speed and travel time data measured in real time. At a glance, users can see real-time colored travel time/speed level updates on the Centracs system map. This enables transportation agencies and DOTs to proactively monitor and act on travel time information.

How does Centracs Travel Times benefit the driving public?

Centracs Adaptive helps transportation agencies and DOTs to proactively monitor the effectiveness of congestion relief strategies to optimize traffic flows and minimize anticipated delays. This means more efficient roadways and shorter and safer commutes for the driving public.





How It Works...

These days, most travelers carry Bluetooth enabled cell phones and many vehicles are equipped with Bluetooth interfaces. Vehicles carrying Bluetooth enabled devices in the vicinity of a BlueTOAD transceiver will be captured using an anonymous identification device number known as a MAC address, and immediately reported to the TrafficCast traffic data cyber center.

So, as Bluetooth enabled appliances pass by BlueTOAD transceivers placed at multiple roadside locations, the travel time and average speed are easily determined along those roadways. The data flowing from the BlueTOAD devices are processed at the TrafficCast servers, correlated and filtered to provide extremely accurate travel time and speed between various BlueTOAD Origin and Destination routes.

Centracs + BlueTOAD

The Centracs Travel Time Module enables Centracs to subscribe to BlueTOAD travel time and speed data. Centracs can provide both historical, as well as current speed and travel time information to Centracs users. At a glance, users can see realtime colored travel time/speed level updates on the Centracs system map. This allows users to view, monitor and act on travel time information. Tool tips on the map also provide detailed road segment updates on travel times.

By combining BlueTOAD Travel Time with Centracs signal status monitoring, Econolite offers a one-stop shop for corridor management applications.

Historical reports are easily generated that provide users with historic travel-time and speed data that can be used to compare speed and time data across multiple time periods.

Benefits

- The Centracs Travel Time Module provides roadway segment speed and travel time data measured in real time. This dynamic information can be used by traffic managers to proactively monitor the effectiveness of congestion relief strategies. In addition, the travel time and speed data can be used to optimize traffic flows or to minimize anticipated delays.

